VMPDRO Series

FEATURES

- Ultra-low phase noise
- Low power consumption
- Small size
- Operating temperature -55 ℃ ~+85 ℃

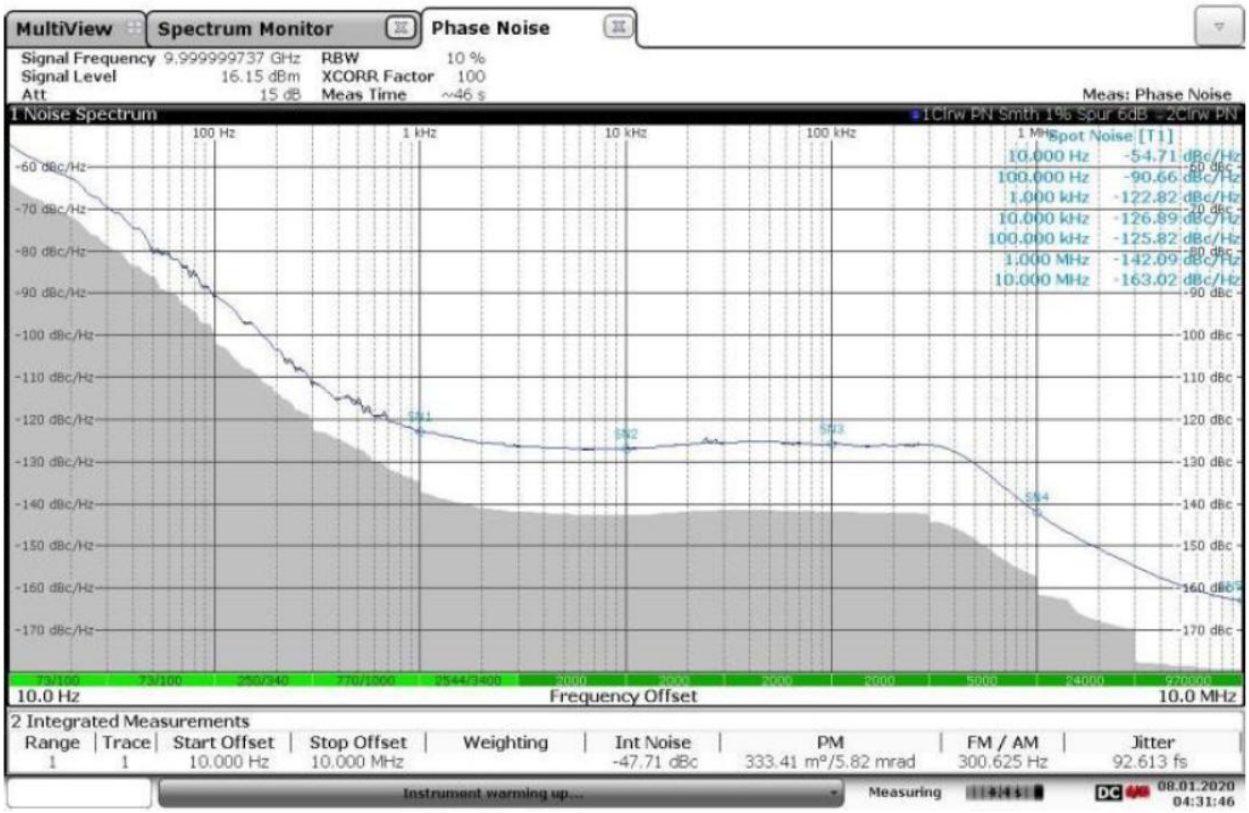
TYPICAL APPLICATIONS

- Microwave communication
- Testing and measurement
- Radar

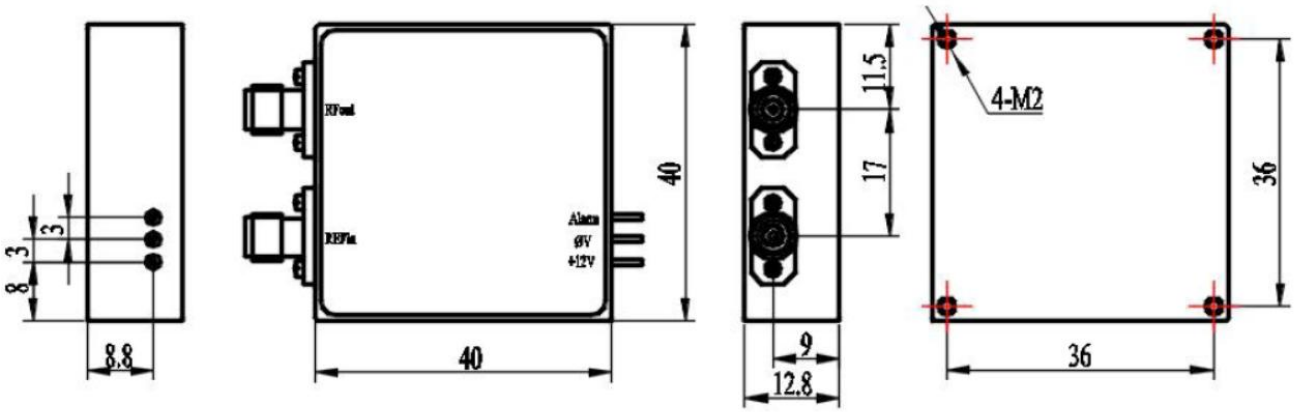
SPECIFICATIONS

Part Number	Frequency (GHz)	Output Power (dBm)	Harmonic Suppression (dB)	Phase Noise (dBc/Hz)	Power Supply (A@V)
VMPDRO-4G/8G-18-SMAF	4-8	15-18	20	-120	0.3@+12
VMPDRO-8G/12G-18-SMAF	8-12	15-18	20	-116	0.3@+12
VMPDRO-12G/18G-18-SMAF	12-18	15-18	20	-112	0.3@+12
VMPDRO-18G/26G-18-2.92F	18-26	15-18	20	-106	0.3@+12
VMPDRO-26G/40G-18-2.92F	26-40	15-18	20	-100	0.3@+12

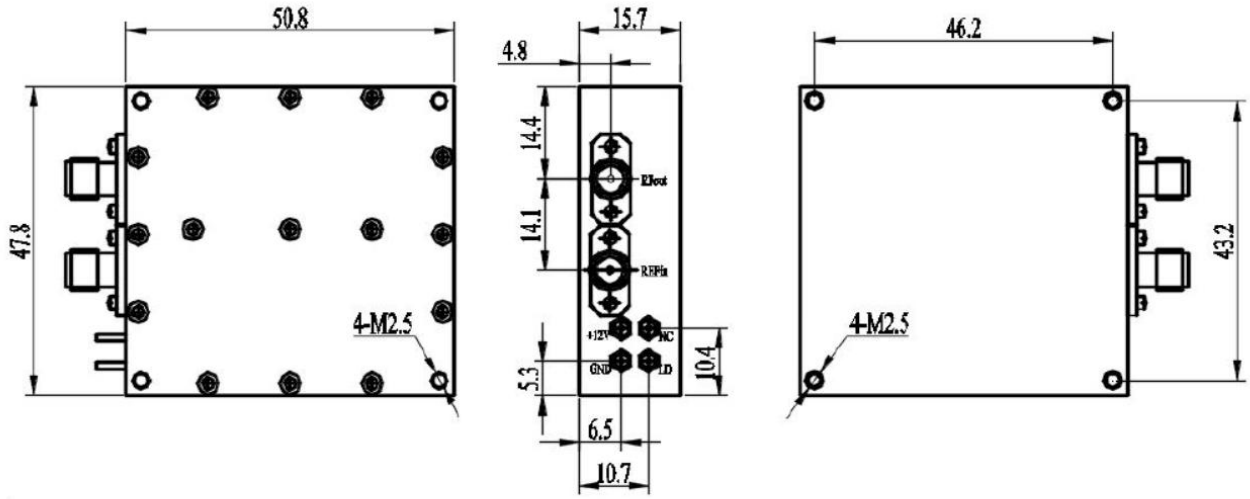
TYPICAL PERFORMANCE CURVE



OUTLINE DRAWING



PDRO Miniaturized Packaging Outline Dimension



PDRO Conventional Packaging Outline Dimension

INTERFACE DEFINITION

Name	Functional	Type
REFin/REF	Reference input	Detachable SMA
RFout	RF output	Detachable SMA
Alarm/LD	Lock indication	Insulator/Bushing type condenser
øV/VT	Lock-in voltage monitoring	Insulator/Bushing type condenser
+12V/Vcc	Power supply	Insulator/Bushing type condenser